

## Madison County Frozen USLE "K" and "T" Factors

Soil Survey Map Unit	Determination	K factor	T factor
AD Alden mucky silt loam, 0 to 3 percent slopes	NHEL	0.37	5
AL Alluvial land	NHEL	0.32	
An Angola silt loam, 0 to 15 percent slopes	NHEL	0.37	3
AoA Appleton loam, 0 to 3 percent slopes	NHEL	0.32	3
AoB Appleton loam, 3 to 8 percent slopes	PHEL	0.32	3
ArB Arkport fine sandy loam, undulating	PHEL	0.28	3
ArC Arkport fine sandy loam, rolling	HEL	0.28	3
ArD Arkport fine sandy loam, hilly	HEL	0.28	3
AsB Arnot ch-sil, 3-8% slopes	PHEL	0.24	2
Asc Arnot ch-sil, 8-15% slopes	HEL	0.24	2
ATF Arnot-Lordstown complex, very steep	HEL	0.24	2
AuB Aurora silt loam, 3-8% slopes	PHEL	0.37	3
Auc Aurora silt loam, 8-15% slopes	HEL	0.37	3
AuD Aurora silt loam, 15-25% slopes	HEL	0.37	3
BaB Bath ch-sil, 3-8% slopes	PHEL	0.24	3
BaC Bath ch-sil, 8-15% slopes	HEL	0.24	3
BaD Bath ch-sil, 15-25% slopes	HEL	0.24	3
BCE Bath soils, steep	HEL	0.24	3
CaB Camillus silt loam, 3-8% slopes	PHEL	0.43	3
CaC Camillus silt loam, 8-15%	HEL	0.43	3
Cd Canandaigua silt loam	NHEL	0.49	5
Ce Carlisle Muck	NHEL	N/A	2
CfB Cazenovia silt loam, 3-8% slopes	PHEL	0.37	3
CfC Cazenovia silt loam, 8-15% slopes	HEL	0.37	3
cfc3 cazenovia sil, 8-15%, sev. Eroded	HEL	0.37	3
efd Cazenovia silt loam, 15-25% slopes	HEL	0.37	3
cgb Chenango ch-sil, fan, 3-8% slopes	HEL	0.24	3
ch* Chippewa silt loam	NHEL	0.32	3
CKA collamer silt loam, 0-3% slopes	NHEL	0.49	3
CkB* collamer silt loam, 3-8% slopes	PHEL	0.49	3
CkC collamer silt loam, rolling	HEL	0.49	3
ckD collamer silt loam, hilly	HEL	0.49	3
CIA colonie lfs, 0-3% slopes	NHEL	0.17	4
CIB colonie lfs, undulating	PHEL	0.17	4
CoB Conesus silt loam, 3-8% slopes	PHEL	0.37	3
CoC Conesus silt loam, 8-15% slopes	HEL	0.37	3
Ed Edwards muck	NHEL	N/A	2
EIA Elmwood fsl, 0-3%	NHEL	0.28	3
EIB Elmwood fsl, 3-8% slopes	PHEL	0.28	3
En Elnora loamy fine sand	NHEL	0.17	4
Fab* Farmington cherty-sil, 3-8% slopes	PHEL	0.32	2
FGC Farmington-Wassaic-Rock outcrop complex sloping	HEL	0.32	2
FHF Farmington-Rock outcrop complex, steep	HEL	0.32	2
Fo Fonda mucky silt loam	NHEL	0.49	5
Fr Fredon silt loam	NHEL	0.28	3
GaA Galen vsl, 0-3% slopes	NHEL	0.28	3
GaB Galen vsl, 3-8% slopes	PHEL	0.28	3
Ha Harsey silt loam	NHEL	0.24	5
Hb Hamlin silt loam	NHEL	0.49	5
HeB Herkimer sh-sil, 3-8% slopes	PHEL	0.24	3
HIA Hilton loam, 0-3% slopes	NHEL	0.32	3
HIB Hilton loam 3-8% slopes	PHEL	0.32	3
HnB Honeoye silt loam, 3-8% slopes	PHEL	0.32	3
HnC Honeoye silt loam, 8-15% slopes	HEL	0.32	3
HnD Honeoye silt loam, 15-25% slopes	HEL	0.32	3

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HnE Honeoye silt loam, 25-50% slopes	HEL	0.32	3
H0E Honeoye-Farming complex, steep	HEL	0.32	2
HWA Howard fsl, 0-3% slopes	NHEL	0.32	3
HWB Howard fsl, undulating	PHEL	0.32	3
HXA Howard gr-sil, 0-3% slopes	NHEL	0.24	3
HxB Howard gr-sil, undulating	PHEL	0.24	3
HxC* Howard gr-sil, rolling	PHEL	0.24	3
HxD Howard gr-sil, hilly	HEL	0.24	3
LaB* Lairdsville sil, 3-8% slopes	PHEL	0.43	3
LbC* Lairdsville sil, 8-15% slopes	HEL	0.43	3
LbD3 Lairdville sil, 15-25% slopes severely eroded	HEL	0.43	3
LbE3 Lairdville sil, 25-40% slopes severely eroded	HEL	0.43	3
Lk* Lkaemont silt loam	NHEL	0.49	5
Lm* Lamson very fine sandy loam	NHEL	0.24	3
LsB Lansing gr-sil, 3-8% slopes	PHEL	0.24	3
LsC* Lansing gr-sil, 8-25% slopes	PHEL	0.24	3
LsD Lansing gr-sil, 15-25% slopes	HEL	0.24	3
LtA Lima silt loam, 0-3% slopes	NHEL	0.32	3
LtB Lima silt loam, 3-8% slopes	PHEL	0.32	3
LtC* Lima silt loam, 8-15% slopes		0.32	3
LuC Lima very stony silt loam, sloping	HEL	0.32	3
LvA* Lockport silt loam, 0-3% slopes	PHEL	0.43	3
LvB* Lockport silt loam, 3-8% loam	PHEL	0.43	3
LwB Lordstown chi-sil, 3-8% slopes	PHEL	0.2	3
LwC* Lordstown chi-sil, 8-15% slopes	HEL	0.2	3
LwD Lordstown chi-sil, 15-25% slopes	HEL	0.2	3
LXE Lordstown-Arnot complex, steep	HEL	0.2	3
Ly* Lyons silt loam	NHEL	0.37	5
MaB* Mardin chi-sil, 3-8% slopes	PHEL	0.24	3
MaC* Mardin chi-sil, 8-15% slopes	PHEL	0.24	3
MaD Mardin chi-sil, 15-25% slopes	HEL	0.24	3
MDC Mardin very stony silt loam, sloping	PHEL	0.32	3
Mo Martisco muck	NHEL	N/A	1
Mr Middlebury silt loam	NHEL	0.28	5
Mt Minoa very fine sandy loam	NHEL	0.32	4
Na* Naumburg loamy fine sand	NHEL	0.17	5
NgA Niagara silt loam, 0-3% slopes	NHEL	0.49	3
NgB Niagara silt loam, 3-8% slopes	PHEL	0.49	3
Od* Odessa silt loam	NHEL	0.49	3
OnB Ontario variant loam, 3-8% slopes	PHEL	0.32	3 to 2
Onc* Ontario variant loam, 8-15% slopes	HEL	0.32	3 to 2
OvA Ovid silt loam, 0-3% slopes	NHEL	0.28	3
OvB Ovid silt loam, 3-8% slopes	NHEL	0.28	3
Pb Palms muck	NHEL	N/A	2
PgA Palmyra gravelly loam, 0-3%	NHEL	0.24	3
PgB Palmyra gravelly loam, undulating	PHEL	0.24	3
PgC* Palmyra gravelly loam, rolling	PHEL	0.24	3
PgD Palmyra gravelly loam, hilly	HEL	0.24	3
PhB Palmyra gr-sil, fan, 3-8% slopes	PHEL	0.24	3
PKC* Palmyra-Arkport complex, rolling	PHEL	0.32	3
PKD Palmyra-Arkport complex, hilly	HEL	0.32	3
PKE Palmyra-Arkport complex, steep	HEL	0.32	3
PME Palmyra and Howard soils, very steep	HEL	0.24	3
PMF Palmyra and Howard soils, very steep	HEL	0.24	3
ppA Phelps gr-sil, 0-3% slopes	NHEL	0.24	3

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ppB Phelps gr-sil 3-8% slopes	PHEL	0.24	3
Ra Raynahm silt loam	NHEL	0.49	3
ScB* Schoharie silt loam, 3-8% slopes	PHEL	0.49	3
SdC* Schoharie silty clay loam, rolling	HEL	0.49	3
SdD3 Schoharie silt, hilly, severely eroded	PHEL	0.49	3
SEE Schoharie-Cazenovia complex, steep	HEL	0.49	3
SgB Stockbridge ch-sil, 3-8% slopes	PHEL	0.28	3
SgC* Stockbridge ch-sil, 8-15% slopes	PHEL	0.28	3
SgD Stockbridge ch-sil, 15-25% slopes	PHEL	0.28	3
ShB Stockbridge-Howard gr-sil, 3-8% slopes	PHEL	0.24	3
ShC* Stockbridge-Howard gr-sil, 8-15% slopes	PHEL	0.24	3
ShD Stockbridge-Howard gr-sil, 15-25% slopes	HEL	0.24	3
Sw Swanton fine sandy loam	HEL	0.28	3
Te Teel silt loam	NHEL	0.49	3
TuB* Tuller ch-sil, 0-8% slopes	PHEL	0.24	2
VoA* Volusia ch-sil, 3-8% SLOPES	NHEL	0.24	3
VoB* Volusia ch-sil, 3-8% slopes	PHEL	0.24	3
VoC* Volusia ch-sil, 8-15% slopes	PHEL	0.24	3
Wa Walkkill silt loam	NHEL	0.37	5
WeA Wampsville gr-sil, nearly level	NHEL	0.24	3
WeB Wampsville gr-sil, undulating	PHEL	0.24	3
WeC* Wampsville gr-sil, rolling	PHEL	0.24	3
WeD Wampsville gr-sil, hilly	HEL	0.24	3
Wh Wareham loamy fine sand	NHEL	0.17	5
Wk Warners mucky silt loam	NHEL	0.43	5
WmA Wassaic silt loam, 0-3% slopes	NHEL	0.32	3
WmB Wassaic silt loam, 3-8% slopes	PHEL	0.32	3
WmC* Wassaic silt loam, 8-15% slopes	HEL	0.32	3
Wn Wayland silt loam	NHEL	0.43	5
Wv Weaver silt loam	NHEL	0.32	5
Willete muck	NHEL		2